

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Alex Rabinovich, Mark Gurvich, and Jianquing He

Serial No: Not yet assigned

Filed: Herewith

For: SYSTEM AND METHOD OF CARRIER  
REINJECTION IN A FEEDFORWARD AMPLIFIER

22141 U.S.PTO  
10/723802



112503

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Date of Deposit: November 25, 2003

Mail Stop NEW PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$\_\_\_\_ as filing fee
- patent application ( 51 page(s) of specification; 8 claim(s); 1 page(s) of abstract
- 20 sheet(s) of informal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to \_\_\_\_
- certified copy of \_\_\_\_ patent application No. \_\_\_\_ which was filed \_\_\_\_ from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Preliminary Amendment
- Information Disclosure Statement with \_\_\_\_ references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Date: November 25, 2003

Hogan & Hartson, LLP  
500 South Grand Avenue, Suite 1900  
Los Angeles, California 90071  
Telephone: 213-337-6700  
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Ellen Pritsker

Name of person mailing papers

Signature

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Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

Customer Number

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Transmitted herewith for filing is the patent application identified above.

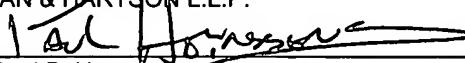
20 sheet(s) of drawings ( formal  informal) is(are) enclosed.  
 59 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.  
 An assignment of the invention to Powerwave Technologies, Inc.  is enclosed  will follow.  
 An associate power of attorney  is enclosed  will follow.  
 Applicant claims small entity status. See 37 CFR 1.27.  
 Declaration and Power of Attorney  is enclosed  will follow.  
 A certified copy of Patent Application No. filed from which priority is claimed under 35 U.S.C. § 119 is enclosed.  
 IDS enclosed ( with reference(s)).  
 Preliminary Amendment is enclosed.  
 Application data sheet is enclosed. See 37 CFR 1.76.  
 Return postcard is enclosed.

## CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS	NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	24	-20	LG=\$18 SM=\$9	\$18.00	\$ 72.00
B INDEPENDENT CLAIMS FEE*	1	-3	LG=\$86 SM=\$43	\$0	\$ 0
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)					\$ 72.00
D MULTIPLE-DEPENDENT CLAIMS FEE			LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0
E BASIC FEE			LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770.00
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)					\$ 842.00
G ASSIGNMENT RECORDING FEE				\$ 40	\$
*LIST INDEPENDENT CLAIMS 1, 24, 30					

Please charge my Deposit Account No. 50-1314 the amount of \$ 842.00. A copy of this letter is enclosed.  
 A check in the amount of \$\_\_\_\_ to cover the filing fee is enclosed.  
 A check in the amount of \$\_\_\_\_ to cover Assignment Recordation fee is enclosed.  
 The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.  
 Any additional filing fees required under 37 C.F.R. 1.16  
 Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,  
HOGAN & HARTSON L.L.P.

By: 

Paul B. Heynssens

Registration No. 47,648  
Attorney for Applicant(s)

Date: November 25, 2003

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